

CUSTOMER: N/A

NOTE: Down Converter

MODEL NO: 970B-38.25/387S

SERIAL NO: N/A

ITEM NO	SPECIFICATION	TEST DATA
1	RF Input Frequency	38.0 to 38.5 GHz
2	IF Output Frequency	950 to 1450 MHz
3	Frequency Inversion	No
4	Input Return Loss	
5	Output Return Loss	
6	1 dB Compression Point	5 dBm
7	Conversion Gain	
8	Attenuation Range	0 to 30 dB in 0.5 dB Steps
9	Input Port	WR-22 Waveguide
10	Input Flange	UG-383/U
11	Output Connector	SMA(F)
12	Gain Flatness (Over 500 MHz Band)	±1 dB
13	Image Rejection	80 dB
14	Signal Related Spurious	-65 dBc
15	Signal Independent Spurious	-70 dBm
16	3rd Order Output Intercept Point	10 dBm

TESTED BY: NA

DATE: 2021-03-12



ITEM NO	SPECIFICATION	TEST DATA
17	Phase Noise (dBc/Hz)	TBD
18	Group Delay	TBD
19	Internal Frequency Stability	± 1x10 ⁻⁷ Over Operating Temp.
22	Operating Temperature Range	-10° to 60° C
23	Storage Temperature Range	-40° to 60° C
24	Power	230V AC ±10%

TESTED BY: NA

DATE: 2021-03-12